

ABSTRACT OF THE DISCLOSURE

A RAID controller accesses an access request area on logical volumes distributed and stored on a plurality of physical disks according to a disk access request from a host.

- 5 The controller has a plurality of management modules which are in-charge of plurality of the redundant groups respectively and issuing a logical format request for each area of said logical volume by referring to a management table for managing progress information of the logical format
- 10 processing. Each management module has a plurality of the management table for being in-charge of said plurality of redundant groups and a queue for queuing the disk access request. The management module, according to the disk access request, judges whether all the access request areas have
- 15 been logically formatted referring to the management table.